

## Fusion-CP2

Embedded Wired Control Touch Panel 10.1 inches, ARM architecture, up to 1.8Ghz main frequency



### PRODUCT OVERVIEW

The **Fusion-CP2** is a high-performance 10.1-inch embedded wired control touch panel, designed to deliver seamless control and interaction in modern AV and automation environments. Powered by a robust ARM architecture with a main frequency of up to 1.8GHz, it offers fast processing and responsive operation.

Ideal for smart conference rooms, classrooms, and centralized control systems, the Fusion-CP2 combines intuitive touchscreen functionality with stable wired communication. With a sleek embedded design, it ensures a professional and space-efficient installation while supporting advanced integration through industry-standard protocols.

### KEY FEATURES

- **High-Performance Processing:** Equipped with a powerful ARM architecture processor running up to 1.8GHz, ensuring fast and stable system operation.
- **Modern Android Platform:** Runs on Android 9.0 or above, supporting third-party applications and enabling flexible system integration and secondary development.
- **Enhanced Memory & Storage:** Comes with 2GB DDR4 RAM and 8GB eMMC Flash, providing smooth multitasking and reliable storage capacity.
- **HD Touch Display:** Features a 10.1-inch capacitive multi-touch screen with 1280x800 resolution (16:10) for clear visuals and responsive interaction.
- **Flexible Power Options:** Supports both PoE (Power over Ethernet) and DC 24V/1A power supply, giving flexibility in installation.
- **Gigabit Network Connectivity:** Integrated 1 Gigabit Ethernet interface, supporting fast and reliable data transmission up to 1Gbps.
- **Efficient One-Line Connection:** Supports data and power transmission over a single PoE network cable, simplifying wiring and reducing clutter.
- **Embedded Installation Design:** Designed for standard base box installation with professional connectors, ensuring clean and secure mounting.
- **Industry Protocol Support:** Compatible with industry-standard network communication protocols, ensuring broad integration with smart systems.

### APPLICATIONS

- Boardrooms
- Classrooms
- Auditorium

## TECHNICAL SPECIFICATIONS

### System Specifications

CPU	Quad-core ARM architecture 1.8GHz
operating system	Android 9 and above
Memory	2GB DDR4 RAM
flash memory	8GB EMMC Flash
Resolution	1280*800
Touch Type	Capacitive touch
User Interface	Android tablet interface, customizable UI

### Technical Specifications

LAN/PoE	1×RJ45 (10/100/1000Mbps), supports PoE
Debug Port	1×Micro USB (for debugging/data transfer)
RS-485	1×RS-485 interface (reserved function)
Reset Button	1×Reset (reserved function)
Power Button	1×Power (system on/off, screen on/off)
Power Supply	DC 12V/1A or PoE (IEEE 802.3af)
Power Consumption	≤ 7W

### Mechanical Specifications

Front Panel	Touch screen, black color
Back Cover	Aluminum alloy shell, Apple gray color
Dimensions	245.4mm (L) × 164mm (W) × 27mm (T)
Weight	926 grams
Installation	Embedded/Wall mount with standard box
Operating Temp	0°C ~ 40°C (32°F ~ 104°F)
Relative Humidity	10% ~ 90% RH (non-condensing)